

WHAT IS CLAIMED IS:

1. A method for implementation of customer-related maintenance services for an industrial motor system, comprising the steps of:

providing motor maintenance services on a pro-active basis; and
providing modules of said motor maintenance services wherein said modules are
standardized and freely combinable with one another.

2. A method of providing motor services to a customer, comprising
the steps of: providing a menu of motor services offered to the customer, said
motor services being modular;
performing ones of said modular motor services which are selected by the customer as
outsourced services, said services being customized according to the
customer's needs.

3. A method of providing motor services to a customer, comprising
the steps of:
performing an evaluation of a customer's technical practices and facilities regarding
the motor management;
providing a menu of available motor services to the customer, said menu including
modular motor services available on an outsourced basis;
making recommendations to the customer of selected ones of said modular motor
services based on results of said evaluation; and
providing on an outsourced basis ones of said modular services selected by the
customer.

4. A method as claimed in claim 5, further comprising the steps of:
changing (valuing) compensation of said outsourced modular services depending on
performance indicators.
5. A method as claimed in claim 1, further comprising the step of:
providing said technical and maintenance services in two performance levels.
6. A method as claimed in claim 1, further comprising the step of:
providing said technical and maintenance services at a business-oriented level
as well as in a technology-oriented level.
7. A method as claimed in claim 1, further comprising the step of:
universally performing the motor maintenance services from managing, planning and
coordinating the services down to operational activities with the processes
implemented across all functions.
8. A method as claimed in claim 1, further comprising the step of:
providing condition monitoring derived from a business based maintenance
analysis.
9. A method as claimed in claim 1, further comprising the step of:
providing an inventory optimization and reduction with a goal of reducing spare
motors warehousing.
10. A method as claimed in claim 1, further comprising the step of:

providing a shared inventory with a goal of reducing motor inventory investment and carrying cost as well as storage, maintenance, and occupancy cost.

11. A method as claimed in claim 1, wherein said services are aimed to maintain motors manufactured by the service provider as well as OEM motors.

12. A method as claimed in claim 8, wherein said services include an motor upgrade.

13. A method as claimed in claim 1, wherein said services include evaluating motors for upgrade possibilities in order to improve their functionality.

14. A method as claimed in claim 1, wherein said services include verifying the motor reliability.

15. A method as claimed in claim 1, wherein said services include providing maintenance services aligned to the customer's changing business objectives.

16. A method as claimed in claim 1, further comprising the steps of:
performing a motor management review.

17. A method as claimed in claim 13, wherein said motor management review routine includes: a standardized and repeatable assessment systematic on the basis of an assessment handbook.

18. A method as claimed in claim 1, further comprising the steps of:

performing an motor condition assessment according to the methods of visual inspection, offline tests and online tests.

19. A method as claimed in claim 1, further comprising the steps of:
a comparative audit including a snapshot audit at two comparative points in time, wherein the data from each snapshot audit is utilized to evaluate individual motor categories on a predetermined 1-10 scale.

20. A method as claimed in claim 1, wherein each motor category is weighted according to its criticality, the weighted-score can be summarized to provide an overall motor condition evaluation, which can be compared to other points in time.

21. A method as claimed in claim 1, further comprising the steps of:
providing said services on performance-oriented contract basis.

22. A method as claimed in claim 1, wherein said steps are implemented according to the prescriptions of a service manual.

23. A method as claimed in claim 1, wherein said industrial system is one of a airport, steel mill, hospital, mines, ship yard, large building, hotel, chemical plant, cement plant, subway system, railway system, container terminal, oil drilling rig or platform, paper mill, oil or natural gas pipeline system, lime plant, water treatment plant including desalination, fresh water pipelining and waste water treatment, and food service facilities.